

YUTTAH



Weighing Transmitter WT500

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The weighing transmitter WT500 is used with load cells to provide an amplified signal (0-10V or 4-20mA). It provides precise weight measurement. The WT500 is robust, compact, has a long lifetime, and with a high protection class.

Technology

- High precision
- Compact and robust
- Amplified output for load cells
- Options: 0 – 10 V or 4 – 20 mA
- Multi-channel
- Direct application and easy mounting
- Long lifetime



Specifications

Rated input	0-20 mV
Rated Output	0-10V or 4-20mA
Accuracy	+/- 0.05 % F.S
Supply Voltage	12 VDC or 24 VDC
Number of channels	up to 4 channels
Electrical Protection	Surge and reverse polarity
Electrical connection	Cables (with free ends)
Protection Class	IP65
Operating Temperature	-30 °C to +85 °C
Housing	Anodized Aluminium
Vibration	DIN EN 60068-2-6:2008, 20 g 10 Hz-2 kHz, 10 cycles
EMC	DIN EN 61326-1:2013

Order Codes / Analog Output

WT500 - **2** - **3** - **4** - **5**

1

Model

WT500

2

Supply Voltage

SV1: 12 VDC (+/- 5%)

SV2: 24 VDC (+/- 5%)

3

Output

A1: 4 – 20 mA

A2: 0 – 10 V

4

Number of channels

1, 2, 3, 4

5

Cable length

Cable length in meters: Xm

Example: WT500 - SV1 - A1 - 4 - 10

Advantages

- High precision
- Compact and robust
- Low height
- High resistance against shocks and vibrations
- High protection class
- Wear-free and maintenance-free
- Long lifetime
- Easy mounting and direct application
- Design flexibility

Applications

- Industrial Applications
- Food / beverage production lines
- Chemical / pharmaceutical industries
- Industrial Vehicles
- Communal Vehicles
- Material Handling
- Forest and Agriculture Machines
- Heavy duty applications
- Power and Energy
- Medical
- Other Applications

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YUTTAH is a leading manufacturer of sensors, located in the United Arab Emirates. Our main product lines are: Position Sensors, Angle Sensors, Inclination Sensors, Acceleration Sensors, Vibration Sensors, Temperature Sensors, Pressure Sensors and Weight Sensors.

It is our main goal to help our customers to fulfil their needs. Our quality products are designed flexible to meet the application requirements of our customers. Our mission is to help our customers in the engineering phase to reach the wished results by providing customer customized sensor solutions. Our team is highly excited to help you in the stages of your development as well as providing a lifetime support. The combination of our know-how, quality products, flexible customized solutions, extensive lifetime support, and our experienced team is the right solution for you.